

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051121\
 Data File : VU043653.D
 Acq On : 11 May 2021 10:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005139

Quant Time: May 12 01:15:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 03:58:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	93371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	92188	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	45768	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27202	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.919	69	22762	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.575	65	14071	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.642	46	111275	47.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.48%
24) Chloroform-d	5.073	84	66358	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.713	65	41539	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.739	84	114596	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.700	67	43362	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.906	98	104587	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloroprop...	8.189	79	16104	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.642	63	91381	61.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.52%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	37285	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	38054	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	31870	5.04	ug/L	98
3) Chloromethane	1.523	50	33396	5.01	ug/L	97
5) Vinyl chloride	1.607	62	34328	5.43	ug/L	99
6) Bromomethane	1.864	94	17176	5.74	ug/L	98
8) Chloroethane	1.941	64	21316	5.22	ug/L	95
9) Trichlorofluoromethane	2.144	101	51331	5.21	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	32019	5.27	ug/L	99
12) 1,1-Dichloroethene	2.587	96	28076	5.38	ug/L	92
13) Acetone	2.652	43	64620	41.57	ug/L	98
14) Carbon disulfide	2.800	76	65141	4.99	ug/L	99
15) Methyl Acetate	2.967	43	20074	5.66	ug/L	97
16) Methylene chloride	3.054	84	42369	5.07	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	85951	5.63	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	29001	5.33	ug/L	96
19) 1,1-Dichloroethane	3.880	63	71459	5.52	ug/L	98
21) 2-Butanone	4.726	43	115296	46.27	ug/L	100
22) cis-1,2-Dichloroethene	4.677	96	33792	5.28	ug/L	91
23) Bromochloromethane	4.986	128	15875	5.58	ug/L	87
25) Chloroform	5.099	83	71780	5.21	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	49979	5.34	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	59599	5.50	ug/L	98
30) Cyclohexane	5.401	56	48060	5.55	ug/L	98
31) Carbon tetrachloride	5.536	117	46819	5.27	ug/L	100
33) Benzene	5.784	78	136889	5.63	ug/L	100
34) Trichloroethene	6.549	95	33848	5.46	ug/L	95
35) Methylcyclohexane	6.774	83	41698	5.20	ug/L	99
37) 1,2-Dichloropropane	6.800	63	41953	5.79	ug/L	100
38) Bromodichloromethane	7.115	83	52324	5.57	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	50030	5.20	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	370655	62.47	ug/L	98
42) Toluene	7.976	91	145258	5.72	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	48142	5.50	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	28470	5.68	ug/L	98
47) Tetrachloroethene	8.562	164	23618	5.17	ug/L	97
48) 2-Hexanone	8.693	43	282259	64.13	ug/L	99
49) Dibromochloromethane	8.819	129	33857	5.59	ug/L	97
50) 1,2-Dibromoethane	8.931	107	26429	5.67	ug/L	99
51) Chlorobenzene	9.455	112	87442	5.42	ug/L	96
52) Ethylbenzene	9.578	91	149978	5.57	ug/L	100
53) m,p-Xylene	9.700	106	54611	5.58	ug/L	98
54) o-Xylene	10.108	106	52492	5.52	ug/L	97
55) Styrene	10.121	104	94407	5.67	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	39557	5.86	ug/L	94
59) Bromoform	10.298	173	19344	5.81	ug/L	99
60) Isopropylbenzene	10.491	105	145068	5.81	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	28768	6.21	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	114683	5.85	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	116158	5.92	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	68633	5.55	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	69556	5.48	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	68516	5.50	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	6715	6.08	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	51126	5.22	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	42492	5.27	ug/L	99
71) Naphthalene	14.095	128	80051	5.76	ug/L	98
72) 1,2,3-Trichlorobenzene	14.339	180	42422	5.60	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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